

ABSTRACT OF THE DISCLOSURE

An alkaline storage battery having a negative electrode made from a hydrogen absorbing alloy represented by the formula  $Ln_1-xMg_xNi_{y-a}M_a$  (where  $Ln$  is at least one element selected from rare earth elements,  $M$  is at least one element selected from the group consisting of Al, V, Nb, Ta, Cr, Mo, Mn, Fe, Co, Ga, Zn, Sn, In, Cu, Si and P,  $0.05 \leq x < 0.20$ ,  $2.8 \leq y \leq 3.9$  and  $0.10 \leq a \leq 0.50$ ) and carbon as a conductive agent, a positive electrode of nickel hydroxide as an active material, and an alkaline electrolyte, and the alkaline storage battery contains not greater than 0.01 weight % of hydrogen or not greater than 0.13 weight % of water in the hydrogen absorbing alloy when the battery is activated and is discharged to 1.0 V at one hour rate (It).